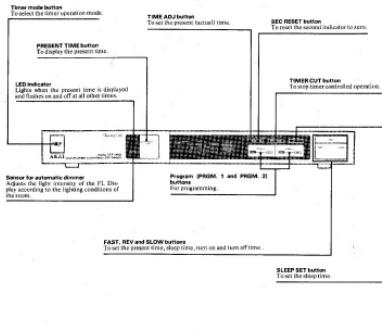


V. CONTROLS



VI. ADJUSTMENT

4.1. STANDARD FREQUENCY OSCILLATOR ADJUSTMENT

- 1) Connect a Frequency Counter between TP3 and TPA (GND).
- 2) Adjust the Trimmer Capacitor (C11), so that the Frequency Counter reading is 128.00016Hz (7.81249m).

VII. PARTS LEST

Resistor and Capacitor which is not listed in this parts list, please refer to COMMON LIST FOR SERVICE PARTS.

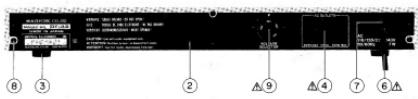
1. PCB 1 BLOCK

REF. NO.	PARTS NO.	DESCRIPTION
PCB 1		
1-01	ET-141P2	IC 74HC1458KA
1-02	ET-712350	SD2056
1-03	ET-300305	TR 2SA144 Q
1-04	ET-300306	TR 2SA144 N
1-05	ET-346401	TR 2SC242 Q,R
1-0601	ET-298335	TR 2SC242 Q
1-0602	ET-298336	TR 2SC242 Q
1-06	ED-711480	D ZENER 5.1V57R
1-07	ED-711481	D ZENER 5.1V57A
1-08	ED-708464	S SILICON 152P76A
1-09	ED-708465	S SILICON 152P76B
1-10	ED-711482	D ZENER 5.1V57 (10)
1-31A	EQ-711541	▲ RELAY AR2119 (A)
1-31L	EQ-711542	▲ RELAY AR2118 (LJS)
1-32	ET-712353	TR 2SA1205
1-X	ET-711471	OSC XTAL 14.048MHz
1-X1	ET-711472	OSC XTAL 14.048MHz
1-Y1	FF-691001	▲ FUSE SEMKO 2.10V 4.00A (E)
PCB 2		
1-01	ES-711474	SW TACT EVQ/Q5805K

2. PCB 2 BLOCK

REF. NO.	PARTS NO.	DESCRIPTION
2-02	EL-711473	IC 6A6723N
2-03	ED-708460	D SILICON 152D76A
2-04	ED-708461	D SILICON 152D76B
2-05	ED-708462	D SILICON 152D76C
2-06	ED-708463	D SILICON 152D76D
2-07	ED-708464	S SILICON 152P76A
2-08	ED-708465	S SILICON 152P76B
2-09	ED-708466	S SILICON 152P76C
2-10	ED-708467	S SILICON 152P76D
2-11	ED-708468	D ZENER 5.1V57Y
2-12	ES-711474	SW TACT EVO-Q5805K

ASSEMBLY BLOCK



3. ASSEMBLY BLOCK

REF. NO.	PARTS NO.	DESCRIPTION
3-40	EW-309428	▲ AC CORD 2 CORES KP-19C, VFF U/7 (O)
3-41	EW-323452	▲ AC CORD 2 CORES KP-19C, VFF 100C (U/C)
3-42	EW-324923	▲ AC CORD 2 CORES KP-19C, VFF 100C (U/C)
3-43	EW-313844	▲ AC CORD 2 CORES G/19C 27 8 (O)
3-44	EW-346924	▲ AC CORD 2 CORES KP-19C, VFF 100C (U/C)
3-45	EW-418146	▲ STRAIN RELIEF SR-4 N 4 27 8 (O)
3-46	EW-447410	VIBRATION DAMPER, B10
3-47	ES-709601	▲ SELECTOR (U)
3-48	ES-708460	▲ SOCKET OUTLET 52-2979-100 E
3-49	ES-708461	▲ SOCKET OUTLET 52-2979-100 B
3-50	ES-708462	▲ SOCKET OUTLET 52-2979-100 S
3-51	ES-708463	▲ SOCKET OUTLET 52-2979-100 D
3-52	ES-708464	▲ SOCKET OUTLET 52-2979-100 C
3-53	ES-708465	▲ SOCKET OUTLET 52-2979-100 A
3-54	ES-708466	▲ SOCKET OUTLET 52-2979-100 B
3-55	ES-708467	▲ SOCKET OUTLET 52-2979-100 S
3-56	ES-708468	▲ SOCKET OUTLET 52-2979-100 D
3-57	ES-708469	▲ SOCKET OUTLET 52-2979-100 A
3-58	ES-708470	▲ SOCKET OUTLET 52-2979-100 B
3-59	ES-708471	▲ SOCKET OUTLET 52-2979-100 S
3-60	ES-708472	▲ SOCKET OUTLET 52-2979-100 D
3-61	ES-708473	▲ SOCKET OUTLET 52-2979-100 A
3-62	ES-708474	▲ SOCKET OUTLET 52-2979-100 B
3-63	ES-708475	▲ SOCKET OUTLET 52-2979-100 S
3-64	ES-708476	▲ SOCKET OUTLET 52-2979-100 D
3-65	ES-708477	▲ SOCKET OUTLET 52-2979-100 A
3-66	ES-708478	▲ SOCKET OUTLET 52-2979-100 B
3-67	ES-708479	▲ SOCKET OUTLET 52-2979-100 S
3-68	ES-708480	▲ SOCKET OUTLET 52-2979-100 D
3-69	ES-708481	▲ SOCKET OUTLET 52-2979-100 A
3-70	ES-708482	▲ SOCKET OUTLET 52-2979-100 B
3-71	ES-708483	▲ SOCKET OUTLET 52-2979-100 S
3-72	ES-708484	▲ SOCKET OUTLET 52-2979-100 D
3-73	ES-708485	▲ SOCKET OUTLET 52-2979-100 A
3-74	ES-708486	▲ SOCKET OUTLET 52-2979-100 B
3-75	ES-708487	▲ SOCKET OUTLET 52-2979-100 S
3-76	ES-708488	▲ SOCKET OUTLET 52-2979-100 D
3-77	ES-708489	▲ SOCKET OUTLET 52-2979-100 A
3-78	ES-708490	▲ SOCKET OUTLET 52-2979-100 B
3-79	ES-708491	▲ SOCKET OUTLET 52-2979-100 S
3-80	ES-708492	▲ SOCKET OUTLET 52-2979-100 D
3-81	ES-708493	▲ SOCKET OUTLET 52-2979-100 A
3-82	ES-708494	▲ SOCKET OUTLET 52-2979-100 B
3-83	ES-708495	▲ SOCKET OUTLET 52-2979-100 S
3-84	ES-708496	▲ SOCKET OUTLET 52-2979-100 D
3-85	ES-708497	▲ SOCKET OUTLET 52-2979-100 A
3-86	ES-708498	▲ SOCKET OUTLET 52-2979-100 B
3-87	ES-708499	▲ SOCKET OUTLET 52-2979-100 S
3-88	ES-708500	▲ SOCKET OUTLET 52-2979-100 D
3-89	ES-708501	▲ SOCKET OUTLET 52-2979-100 A
3-90	ES-708502	▲ SOCKET OUTLET 52-2979-100 B
3-91	ES-708503	▲ SOCKET OUTLET 52-2979-100 S
3-92	ES-708504	▲ SOCKET OUTLET 52-2979-100 D
3-93	ES-708505	▲ SOCKET OUTLET 52-2979-100 A
3-94	ES-708506	▲ SOCKET OUTLET 52-2979-100 B
3-95	ES-708507	▲ SOCKET OUTLET 52-2979-100 S
3-96	ES-708508	▲ SOCKET OUTLET 52-2979-100 D
3-97	ES-708509	▲ SOCKET OUTLET 52-2979-100 A
3-98	ES-708510	▲ SOCKET OUTLET 52-2979-100 B
3-99	ES-708511	▲ SOCKET OUTLET 52-2979-100 S
3-100	ES-708512	▲ SOCKET OUTLET 52-2979-100 D
3-101	ES-708513	▲ SOCKET OUTLET 52-2979-100 A
3-102	ES-708514	▲ SOCKET OUTLET 52-2979-100 B
3-103	ES-708515	▲ SOCKET OUTLET 52-2979-100 S
3-104	ES-708516	▲ SOCKET OUTLET 52-2979-100 D
3-105	ES-708517	▲ SOCKET OUTLET 52-2979-100 A
3-106	ES-708518	▲ SOCKET OUTLET 52-2979-100 B
3-107	ES-708519	▲ SOCKET OUTLET 52-2979-100 S
3-108	ES-708520	▲ SOCKET OUTLET 52-2979-100 D
3-109	ES-708521	▲ SOCKET OUTLET 52-2979-100 A
3-110	ES-708522	▲ SOCKET OUTLET 52-2979-100 B
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3-112	ES-708524	▲ SOCKET OUTLET 52-2979-100 D
3-113	ES-708525	▲ SOCKET OUTLET 52-2979-100 A
3-114	ES-708526	▲ SOCKET OUTLET 52-2979-100 B
3-115	ES-708527	▲ SOCKET OUTLET 52-2979-100 S
3-116	ES-708528	▲ SOCKET OUTLET 52-2979-100 D
3-117	ES-708529	▲ SOCKET OUTLET 52-2979-100 A
3-118	ES-708530	▲ SOCKET OUTLET 52-2979-100 B
3-119	ES-708531	▲ SOCKET OUTLET 52-2979-100 S
3-120	ES-708532	▲ SOCKET OUTLET 52-2979-100 D
3-121	ES-708533	▲ SOCKET OUTLET 52-2979-100 A
3-122	ES-708534	▲ SOCKET OUTLET 52-2979-100 B
3-123	ES-708535	▲ SOCKET OUTLET 52-2979-100 S
3-124	ES-708536	▲ SOCKET OUTLET 52-2979-100 D
3-125	ES-708537	▲ SOCKET OUTLET 52-2979-100 A
3-126	ES-708538	▲ SOCKET OUTLET 52-2979-100 B
3-127	ES-708539	▲ SOCKET OUTLET 52-2979-100 S
3-128	ES-708540	▲ SOCKET OUTLET 52-2979-100 D
3-129	ES-708541	▲ SOCKET OUTLET 52-2979-100 A
3-130	ES-708542	▲ SOCKET OUTLET 52-2979-100 B
3-131	ES-708543	▲ SOCKET OUTLET 52-2979-100 S
3-132	ES-708544	▲ SOCKET OUTLET 52-2979-100 D
3-133	ES-708545	▲ SOCKET OUTLET 52-2979-100 A
3-134	ES-708546	▲ SOCKET OUTLET 52-2979-100 B
3-135	ES-708547	▲ SOCKET OUTLET 52-2979-100 S
3-136	ES-708548	▲ SOCKET OUTLET 52-2979-100 D
3-137	ES-708549	▲ SOCKET OUTLET 52-2979-100 A
3-138	ES-708550	▲ SOCKET OUTLET 52-2979-100 B
3-139	ES-708551	▲ SOCKET OUTLET 52-2979-100 S
3-140	ES-708552	▲ SOCKET OUTLET 52-2979-100 D
3-141	ES-708553	▲ SOCKET OUTLET 52-2979-100 A
3-142	ES-708554	▲ SOCKET OUTLET 52-2979-100 B
3-143	ES-708555	▲ SOCKET OUTLET 52-2979-100 S
3-144	ES-708556	▲ SOCKET OUTLET 52-2979-100 D
3-145	ES-708557	▲ SOCKET OUTLET 52-2979-100 A
3-146	ES-708558	▲ SOCKET OUTLET 52-2979-100 B
3-147	ES-708559	▲ SOCKET OUTLET 52-2979-100 S
3-148	ES-708560	▲ SOCKET OUTLET 52-2979-100 D
3-149	ES-708561	▲ SOCKET OUTLET 52-2979-100 A
3-150	ES-708562	▲ SOCKET OUTLET 52-2979-100 B
3-151	ES-708563	▲ SOCKET OUTLET 52-2979-100 S
3-152	ES-708564	▲ SOCKET OUTLET 52-2979-100 D
3-153	ES-708565	▲ SOCKET OUTLET 52-2979-100 A
3-154	ES-708566	▲ SOCKET OUTLET 52-2979-100 B
3-155	ES-708567	▲ SOCKET OUTLET 52-2979-100 S
3-156	ES-708568	▲ SOCKET OUTLET 52-2979-100 D
3-157	ES-708569	▲ SOCKET OUTLET 52-2979-100 A
3-158	ES-708570	▲ SOCKET OUTLET 52-2979-100 B
3-159	ES-708571	▲ SOCKET OUTLET 52-2979-100 S
3-160	ES-708572	▲ SOCKET OUTLET 52-2979-100 D
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3-162	ES-708574	▲ SOCKET OUTLET 52-2979-100 B
3-163	ES-708575	▲ SOCKET OUTLET 52-2979-100 S
3-164	ES-708576	▲ SOCKET OUTLET 52-2979-100 D
3-165	ES-708577	▲ SOCKET OUTLET 52-2979-100 A
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3-169	ES-708581	▲ SOCKET OUTLET 52-2979-100 A
3-170	ES-708582	▲ SOCKET OUTLET 52-2979-100 B
3-171	ES-708583	▲ SOCKET OUTLET 52-2979-100 S
3-172	ES-708584	▲ SOCKET OUTLET 52-2979-100 D
3-173	ES-708585	▲ SOCKET OUTLET 52-2979-100 A
3-174	ES-708586	▲ SOCKET OUTLET 52-2979-100 B
3-175	ES-708587	▲ SOCKET OUTLET 52-2979-100 S
3-176	ES-708588	▲ SOCKET OUTLET 52-2979-100 D
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3-178	ES-708590	▲ SOCKET OUTLET 52-2979-100 B
3-179	ES-708591	▲ SOCKET OUTLET 52-2979-100 S
3-180	ES-708592	▲ SOCKET OUTLET 52-2979-100 D
3-181	ES-708593	▲ SOCKET OUTLET 52-2979-100 A
3-182	ES-708594	▲ SOCKET OUTLET 52-2979-100 B
3-183	ES-708595	▲ SOCKET OUTLET 52-2979-100 S
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3-190	ES-708602	▲ SOCKET OUTLET 52-2979-100 B
3-191	ES-708603	▲ SOCKET OUTLET 52-2979-100 S
3-192	ES-708604	▲ SOCKET OUTLET 52-2979-100 D
3-193	ES-708605	▲ SOCKET OUTLET 52-2979-100 A
3-194	ES-708606	▲ SOCKET OUTLET 52-2979-100 B
3-195	ES-708607	▲ SOCKET OUTLET 52-2979-100 S
3-196	ES-708608	▲ SOCKET OUTLET 52-2979-100 D
3-197	ES-708609	▲ SOCKET OUTLET 52-2979-100 A
3-198	ES-708610	▲ SOCKET OUTLET 52-2979-100 B
3-199	ES-708611	▲ SOCKET OUTLET 52-2979-100 S
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3-204	ES-708616	▲ SOCKET OUTLET 52-2979-100 D
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3-222	ES-708634	▲ SOCKET OUTLET 52-2979-100 B
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3-224	ES-708636	▲ SOCKET OUTLET 52-2979-100 D
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3-226	ES-708638	▲ SOCKET OUTLET 52-2979-100 B
3-227	ES-708639	▲ SOCKET OUTLET 52-2979-100 S
3-228	ES-708640	▲ SOCKET OUTLET 52-2979-100 D
3-229	ES-708641	▲ SOCKET OUTLET 52-2979-100 A
3-230	ES-708642	▲ SOCKET OUTLET 52-2979-100 B
3-231	ES-708643	▲ SOCKET OUTLET 52-2979-100 S
3-232	ES-708644	▲ SOCKET OUTLET 52-2979-100 D
3-233	ES-708645	